



NATIONAL
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STATISTICS
SERVICE

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KENTUCKY WEEKLY CROP & WEATHER REPORT



In Cooperation with:
Univ. of Ky - Agr'l Weather Center
U.S. Dept. of Commerce - NOAA
Kentucky Department of Agriculture
Cooperative Extension Service

LELAND E. BROWN, Director

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SAL 29-07

AGRICULTURAL NEWS: Unseasonably warm temperatures remained across the Commonwealth. Temperatures averaged 74 degrees, 12 degrees above normal. Nine of the last ten weeks have had above normal temperatures. Most of the state remained dry with topsoil moisture rated 69 percent very short, 26 percent short, and 5 percent adequate as of Sunday, October 7. Subsoil moisture was rated 74 percent very short, 20 percent short, and 6 percent adequate. There were 6.6 days suitable for fieldwork. Main farm activities included cutting and housing tobacco, soybean harvest, and wheat seeding.

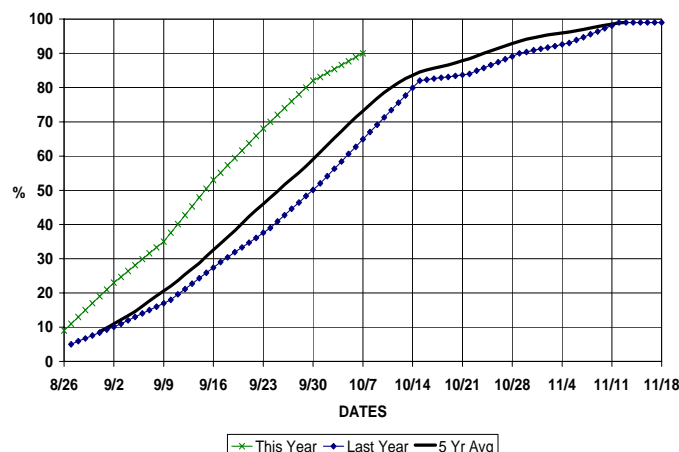
TOBACCO: The condition of housed tobacco was reported as 6 percent very poor, 7 percent poor, 35 percent fair, 44 percent good and 8 percent excellent. Six percent of tobacco had been stripped, 26 percent was ready for stripping and 68 percent was not ready for stripping. Some farmers reported their tobacco was drying too fast and losing color.

CORN: The corn harvest continued with 90 percent of the crop combined as of Sunday, October 7. This is well ahead of the 65 percent harvested last year and the five year average of 73 percent.

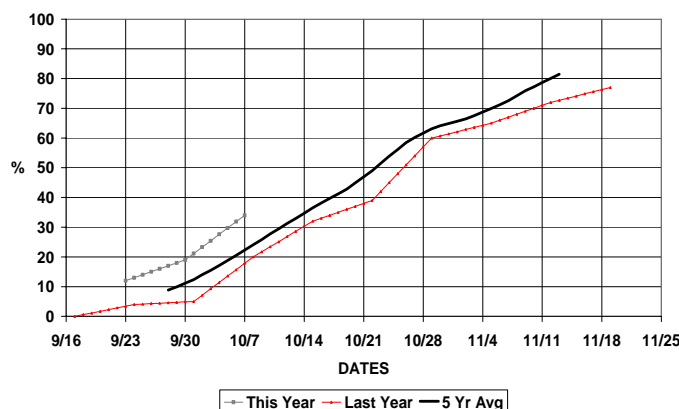
SOYBEANS: As of Sunday, October 7, 34 percent of the soybeans had been harvested, well ahead of the 18 percent reported last year and the average of 22 percent. Seventy-five percent of soybeans were mature, ahead of last year's 63 percent and equal to the five year average. Ninety percent of the crop had dropped leaves compared with 83 percent a year ago and the five year average of 88 percent. Soybean condition was rated 23 percent very poor, 24 percent poor, 25 percent fair, 22 percent good, and 6 percent excellent.

OTHER CROPS AND PASTURE: Winter wheat seeding is underway with farmers reporting 12 percent of the crop seeded as of Sunday, October 7. This is ahead of last years 11 percent, but below the 5 year average of 14 percent. Some farmers report they are waiting for improved moisture for germination before planting fall grains. Pasture condition remained poor. Pastures were rated 50 percent very poor, 32 percent poor, 15 percent fair, and 3 percent good. Producers have growing concern over livestock water sources.

CORN HARVESTED PROGRESS



SOYBEANS HARVESTED PROGRESS



KENTUCKY CROP PROGRESS

WEEK ENDING OCTOBER 7, 2007

Crop Stage	This Week	Previous Year	5-Yr. Avg.	Previous Week KY	U.S.
Percentage					
Soybeans					
Shedding Leaves	90	83	88	78	88
Mature	75	63	75	53	NA
Harvested	34	18	22	19	29
Corn					
Harvested	90	65	73	82	31
Winter Wheat					
Seeded	12	11	14	5	42

(NA)Data Not Available.

SOIL MOISTURE

WEEK ENDING OCTOBER 7, 2007

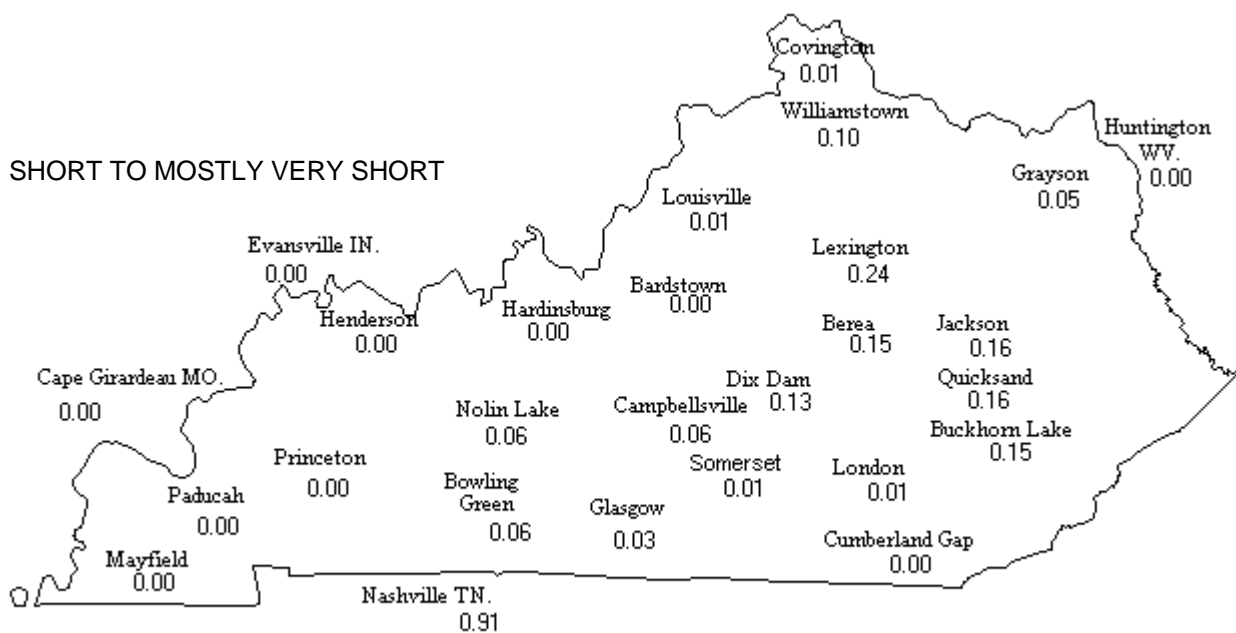
	This Week	Previous Week
Percentage		
TOPSOIL		
Very Short	69	59
Short	26	33
Adequate	5	8
Surplus	0	0
SUBSOIL		
Very Short	74	75
Short	20	20
Adequate	6	5
Surplus	0	0

KENTUCKY CROP CONDITIONS (Percent)

WEEK ENDING OCTOBER 7, 2007						WEEK ENDING SEPTEMBER 30, 2007				
CROP	VERY POOR	POOR	FAIR	GOOD	EXCEL-LENT	VERY POOR	POOR	FAIR	GOOD	EXCEL-LENT
Soybeans	23	24	25	22	6	27	26	26	17	4
Pasture	50	32	15	3	0	53	29	15	3	0
Housed Tobacco	6	7	35	44	8	3	7	33	49	8

PRECIPITATION MAP AND TOPSOIL MOISTURE DELINEATION

WEEK ENDING OCTOBER 7, 2007



KENTUCKY WEATHER SUMMARY, OCTOBER 1 - 7, 2007:

Much above normal temperatures and below normal rainfall

Hot and dry for the second full week of autumn as the Bluegrass State experienced the third week in a row with above normal temperatures and below normal rainfall. High pressure dominated much of the week allowing for record and near-record temperatures near 90 degrees at many stations, with a high of 94 degrees at Princeton on October 7. Rainfall was again scarce as a weak frontal boundary provided minimal showers toward the end of the work week. Extended drought conditions continued as the state received below normal rainfall for the ninth week out of the past ten.

Temperatures for the period averaged 74 degrees across the State which was 12 degrees above normal and 2 degrees warmer than the previous week. High temperatures averaged from 87 in the West to 86 in the East. Departure from normal high temperatures ranged from 11 degrees above normal in the West to 14 degrees above normal in the East. Low temperatures averaged from 64 degrees in the West to 60 degrees in the East. Departure from normal low temperature ranged from 12 degrees above normal in the West to 11 degrees below normal in the East.

Rainfall for the period totaled 0.08 inches statewide which was 0.57 inches below normal. Rainfall totals by climate division, West 0.01 inches, Central 0.04 inches, Bluegrass 0.13 inches and East 0.13 inches, which was 0.62, 0.68, 0.51 and 0.50 inches respectively below normal. By station, rainfall totals ranged from a low of 0.00 inches at Bardstown (and most locations) to a high of 0.24 inches at Lexington.

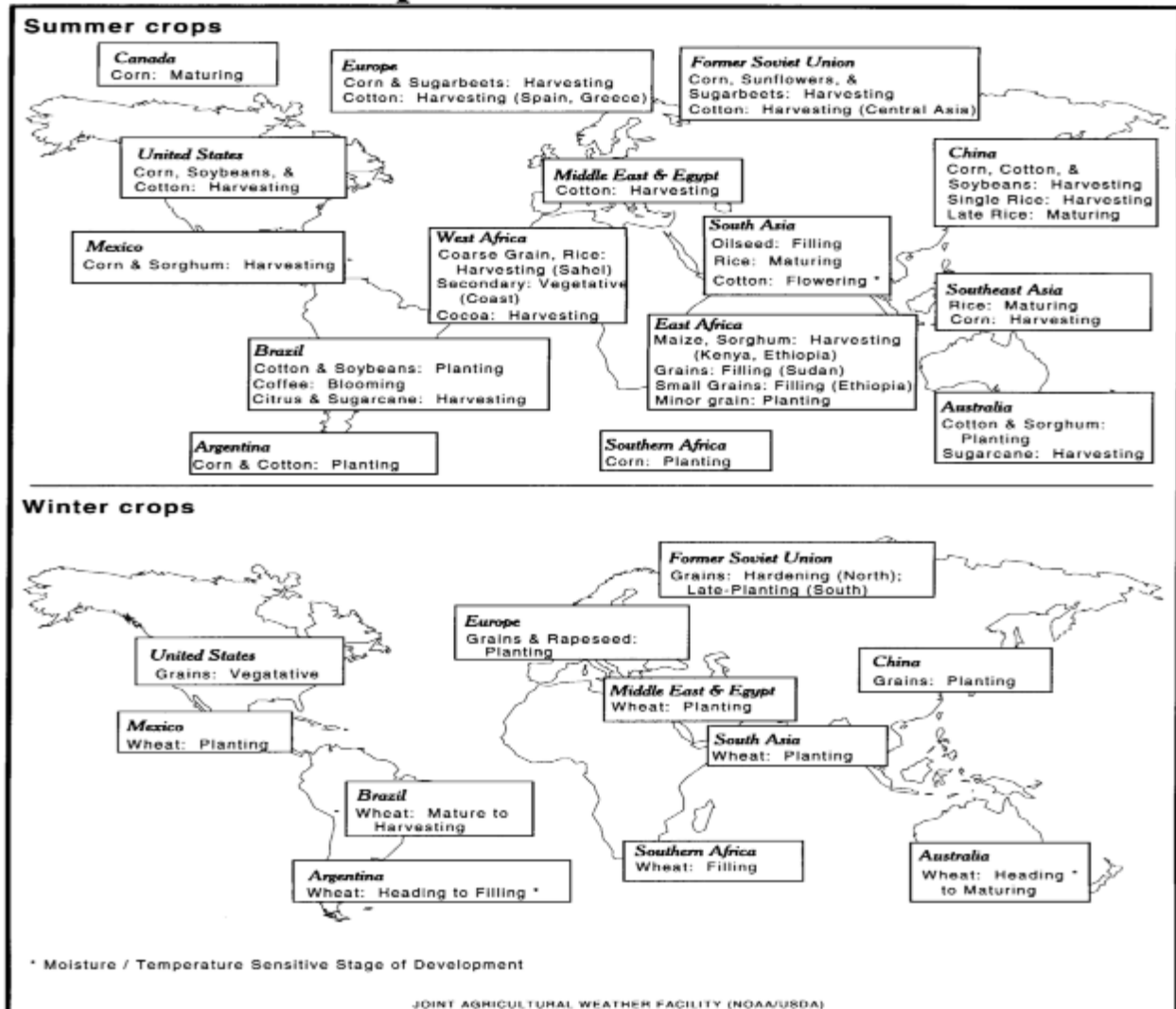
Tom Priddy

KENTUCKY TEMPERATURES AND RAINFALL FOR WEEK ENDING SUNDAY, OCTOBER 7, 7:00 P.M.

Weather Station	Rainfall			Deviation From		Air Temperature			Relative Humidity	
	Last Week	Since April 1	Last Four Wks	Norm Since Apr. 1	Norm Last 4 Wks	High	Low	Wkly Avg.	Dev. From Norm	Average High Low
		(Inches)				(Degrees Fahrenheit)				
Bardstown	0.00	19.98	1.39	-4.74	-1.43	91	56	73.9	+12	90 44
Berea	0.15	17.81	2.04	-8.25	-1.39	89	55	74.2	+13	80 48
Bowling Green	0.06	14.78	0.92	-11.30	-2.37	93	54	73.9	+12	89 42
Bristol	0.21	11.44	0.69	-10.63	-2.18	87	65	76.0	+15	90 41
Buckhorn Lake	0.15	12.58	1.24	-12.22	-1.96	90	56	73.8	+13	82 40
Cape Girardeau	0.00	15.97	2.55	-8.40	-0.63	89	56	75.6	+11	90 41
Campbellsville	0.06	22.30	1.56	-7.08	-2.40	90	50	72.8	+11	90 50
Covington	0.01	10.87	2.13	-12.12	-0.53	90	54	72.7	+12	86 41
Cumberland Gap	0.00	15.18	0.81	-11.40	-2.09	90	56	73.8	+13	91 42
Dix Dam	0.13	15.97	0.38	-9.58	-2.65	90	56	74.0	+13	83 43
Evansville	0.00	13.72	1.03	-9.31	-1.70	93	59	76.1	+12	86 44
Glasgow	0.03	21.62	2.10	-6.50	-1.30	93	53	74.2	+12	91 48
Grayson	0.05	18.07	1.93	-5.70	-0.67	91	50	73.0	+12	90 49
Hardinsburg	0.00	19.20	0.47	-6.66	-2.77	90	58	75.5	+13	93 55
Henderson	0.00	20.21	2.13	-3.74	-0.92	89	58	74.9	+11	86 44
Huntington	0.00	10.97	1.05	-12.93	-1.58	92	48	72.8	+12	90 43
Jackson	0.16	14.85	2.64	-10.99	-0.48	88	57	74.1	+13	79 41
Lexington	0.24	19.13	1.00	-5.59	-1.82	90	56	73.8	+13	88 44
London	0.01	13.79	0.45	-10.18	-2.61	92	46	72.4	+11	87 40
Louisville	0.01	17.96	1.06	-6.17	-1.76	89	57	73.8	+12	81 38
Mayfield	0.00	9.88	0.32	-16.66	-3.27	90	56	73.8	+10	90 49
Nashville	0.91	13.33	2.99	-10.92	+0.01	84	67	75.5	+13	91 44
Nolin Lake	0.06	19.58	2.68	-8.09	-0.99	92	55	74.7	+13	88 45
Paducah	0.00	16.69	1.37	-9.21	-1.89	92	60	75.8	+12	86 42
Princeton	0.00	16.72	1.62	-9.21	-1.40	94	59	75.9	+12	89 42
Quicksand	0.16	14.54	2.64	-11.30	-0.48	90	56	73.8	+13	91 49
Somerset	0.01	16.29	1.98	-10.92	-1.56	90	42	70.4	+9	91 41
Spindletop	0.11	17.81	1.08	-6.91	-1.74	89	58	74.2	+13	92 46
Williamstown	0.10	20.39	3.60	-4.07	+0.69	90	55	73.2	+12	90 49

The above information is provided by Tom Priddy, Kentucky Extension Agricultural Meteorologist, University of Kentucky Agr'l Weather Center (859)257-3000 ext 245. E-mail: priddy@uky.edu Additional Ky weather data available on Internet at: <http://www.wagwx.ca.uky.edu/>

October normal crop calendar



This release and others can be viewed on the Internet at <http://www.nass.usda.gov/ky/> For a free E-Mail subscription of the Kentucky Weekly Crop & Weather report, on the Internet go to <http://www.nass.usda.gov/sub-form.htm> and follow the instructions.